CLAIMS:

A method comprising:
 providing cardiac resynchronization to a heart during a first time period; and
 refraining from providing cardiac resynchronization to the heart during a
 second time period.

- 2. The method of claim 1, wherein the first time period is a fraction of a day and wherein the day is equal to the first time period plus the second time period.
- 3. The method of claim 1, further comprising providing cardiac resynchronization to the heart during a third time period, wherein the first time period is a first fraction of a day, wherein the third time period is a second fraction of a day, and wherein the day is equal to the first time period plus the second time period plus the third time period.
- 4. The method of claim 1, further comprising:

 providing cardiac resynchronization to the heart during the first time period commencing at a first reference time; and

providing cardiac resynchronization to the heart during a third time period commencing at a second reference time.

- 5. The method of claim 4, wherein the first time period precedes the third time period and wherein the first time period is of shorter duration than the third time period.
- 6. The method of claim 4, further comprising:

receiving instructions to provide cardiac resynchronization to the heart during the first time period commencing at the first reference time; and

receiving instructions to provide cardiac resynchronization to the heart during the third time period commencing at the second reference time.

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7. The method of claim 1, wherein providing cardiac resynchronization to the heart comprises:

sensing an atrial event;

delivering a bi-ventricular pace after the atrial event.

- 8. The method of claim 1, further comprising receiving instructions to provide cardiac resynchronization during the first time period.
- 9. The method of claim 1, further comprising delivering a pacing pulse to a single chamber of the heart during the second time period.
- 10. A method comprising:

providing cardiac resynchronization to a heart in response to a first sensed event; and

refraining from providing cardiac resynchronization to the heart in response to a second sensed event.

- 11. The method of claim 10, further comprising: receiving a ratio of X:Y; and performing cardiac resynchronization X times for every Y sensed cardiac events.
- 12. The method of claim 11, further comprising: receiving a second ratio of X2:Y2; and performing cardiac resynchronization X2 times for every Y2 sensed cardiac events.
- 13. The method of claim 10, wherein providing cardiac resynchronization to the heart comprises:

sensing an atrial event;

delivering a bi-ventricular pace after the atrial event.

- 15. A method comprising:

 sensing an atrial event;

 determining whether a bi-ventricular pace is indicated; and
 delivering a bi-ventricular pace after the atrial event when the bi-ventricular
 pace is indicated.
- 16. The method of claim 15, wherein delivering a bi-ventricular pace after the atrial event comprises delivering a bi-ventricular pace following a delay period that follows the atrial event.
- 17. The method of claim 15, further comprising: incrementing a counter after the atrial event; and determining whether a bi-ventricular pace is indicated based upon the counter.
- 18. The method of claim 15, further comprising delivering pacing pulse to a single ventricle after the atrial event when the bi-ventricular pace is not indicated.
- 19. The method of claim 15, further comprising receiving a ratio of X:Y, wherein the bi-ventricular pace is indicated X times for every Y sensed atrial events.
- 20. The method of claim 15, further comprising receiving a time period, wherein the bi-ventricular pace is indicated for atrial events occurring in the time period.
- 21. A method comprising:
 receiving a ratio of X:Y;
 sensing a cardiac event; and
 applying a synchronized cardiac pace in response to the cardiac event,
 wherein X represents a number of synchronized cardiac paces,
 wherein Y represents a number of sensed cardiac events, and
 wherein X is less than Y.

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22. The method of claim 21, further comprising performing cardiac resynchronization X times for every Y sensed cardiac events, wherein performing cardiac resynchronization comprises:

delivering a first pace to a first chamber of a heart; and delivering a second pace to a second chamber of the heart synchronized with the first pace.

23. The method of claim 21, further comprising receiving a second ratio of X2:Y2, wherein the second ratio X2:Y2 is different from the ratio X:Y; and

performing cardiac resynchronization X2 times for every Y2 sensed cardiac events, wherein performing cardiac resynchronization comprises:

delivering a first pace to a first chamber of a heart; and delivering a second pace to a second chamber of the heart synchronized with the first pace.

- 24. The method of claim 21, wherein sensing a cardiac event comprises sensing an atrial event.
- 25. The method of claim 21, wherein synchronized cardiac paces comprises biventricular paces.
- 26. A device comprising:

a pacing circuit that applies cardiac resynchronization to a heart; and a processor that controls the pacing circuit to apply the cardiac resynchronization during a first period and refrain from applying the cardiac resynchronization during a second time period.

27. The device of claim 26, further comprising memory that stores the duration of the first period.

- 28. The device of claim 26, further comprising:

 a first pacing electrode disposed proximal to a first chamber of a heart; and
 a second pacing electrode disposed proximal to a second chamber of the heart;
 wherein the processor controls the pacing circuit to apply the cardiac
 resynchronization to the heart during the first period via the first pacing electrode and
 the second pacing electrode.
- 29. The device of claim 28, wherein the first chamber is the right ventricle and the second chamber is the left ventricle.
- 30. The device of claim 26, further comprising a sensing electrode disposed proximal to the heart, wherein the processor senses a cardiac event via the sensing electrode and applies cardiac resynchronization in response to the sensed event.
- 31. A device comprising:
 - a pacing circuit that applies a synchronized cardiac pace to a heart;
- a processor that senses a cardiac event and controls the pacing circuit to apply the synchronized cardiac pace in response to the cardiac event; and

memory that stores a ratio X:Y,

wherein Y represents a number of synchronized cardiac paces, wherein Y represents a number of sensed cardiac events, and

wherein X is less than Y.

- 32. The device of claim 31, wherein the processor controls the pacing circuit to apply the synchronized cardiac pace X times for every Y cardiac events.
- 33. The device of claim 31, further comprising:

 a first pacing electrode disposed proximal to a first chamber of a heart; and
 a second pacing electrode disposed proximal to a second chamber of the heart;
 wherein the processor controls the pacing circuit to apply the synchronized
 cardiac pace via the first pacing electrode and the second pacing electrode.

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34. The device of claim 31, further comprising a sensing electrode disposed proximal to the heart, wherein the processor senses the cardiac event via the sensing electrode.

35. A device comprising:

a first pacing electrode disposed proximal to a first chamber of a heart; a second pacing electrode disposed proximal to a second chamber of the heart; and

an implanted medical device that determines whether cardiac resynchronization is indicated and delivers pacing pulses to the first and second pacing electrodes when cardiac resynchronization is indicated.

- 36. The device of claim 35, further comprising a sensing electrode disposed proximal to the heart, wherein the implanted medical device senses a cardiac event via the sensing electrode and delivers pacing pulses in response to the sensed event.
- 37. The device of claim 35, the implanted medical device comprising a programmable processor that determines whether cardiac resynchronization is indicated.
- 38. The device of claim 37, further comprising memory that stores parameters for determining whether cardiac resynchronization is indicated.
- 39. A computer-readable medium containing instructions, the instructions causing a programmable processor to:

provide cardiac resynchronization to a heart during a first time period; and refrain from providing cardiac resynchronization to the heart during a second time period.

40. The medium of claim 39, wherein the first time period is a fraction of a day and wherein the day is equal to the first time period plus the second time period.

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41. The medium of claim 39, the instructions further causing a programmable processor to:

provide cardiac resynchronization to the heart during the first time period commencing at a first reference time; and

provide cardiac resynchronization to the heart during a third time period commencing at a second reference time.

- 42. The medium of claim 39, the instructions further causing a programmable processor to deliver a pacing pulse to a single chamber of the heart during the second time period.
- 43. A computer-readable medium containing instructions, the instructions causing a programmable processor to:

provide cardiac resynchronization to a heart in response to a first sensed event; and

refrain from providing cardiac resynchronization to the heart in response to a second sensed event.

44. The medium of claim 43, the instructions further causing a programmable processor to:

receive a ratio of X:Y; and perform cardiac resynchronization X times for every Y sensed cardiac events.

45. The medium of claim 44, the instructions further causing a programmable processor to:

receive a second ratio of X2:Y2; and perform cardiac resynchronization X2 times for every Y2 sensed cardiac events.

46. The medium of claim 43, the instructions further causing a programmable processor to deliver a pacing pulse to a single chamber of the heart in response to the second sensed event.

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47. A computer-readable medium containing instructions, the instructions causing a programmable processor to:

sense an atrial event;

determine whether a bi-ventricular pace is indicated; and

deliver a bi-ventricular pace after the atrial event when the bi-ventricular pace is indicated.

48. The medium of claim 47, the instructions further causing a programmable processor to:

increment a counter after the atrial event; and determine whether a bi-ventricular pace is indicated based upon the counter.

49. The medium of claim 47, the instructions further causing a programmable processor to deliver a pacing pulse to a single ventricle after the atrial event when the bi-ventricular pace is not indicated.